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11017 U.S. PTO
09/996946
11/30/01

Date: November 30, 2001
Docket No.: 0445-0313P-SP

Assistant Commissioner for Patents
Box PATENT APPLICATION
Washington, D.C. 20231

Sir:

As authorized by the inventor(s), transmitted herewith for filing
is a patent application applied for on behalf of the inventor(s)
according to the provisions of 37 CFR 1.41(c).

Inventor(s): HAYASE, Taeko
KAKIUCHI, Shusuke; MORI, Kazuo

For: CLEANING SHEET

Enclosed are:

A specification consisting of 30 pages

2 sheet(s) of formal drawings

Certified copy of Priority Document(s)

Executed Declaration in accordance with 37 CFR 1.64 will follow

Applicant claims small entity status in accordance with 37 CFR 1.27

Preliminary Amendment

X Information Sheet

Information Disclosure Statement, PTO-1449 with reference(s)

Application Data Sheet in accordance with 37 CFR 1.76

Other _____

Applicant requests early publication

The filing fee has been calculated as shown below:

		LARGE ENTITY		SMALL ENTITY		
FOR	NO. FILED	NO. EXTRA	RATE	Fee	RATE	Fee
BASIC FEE	***** ***** *****	***** ***** *****	***** ***** *****	\$740.00	or	**** **** ****
TOTAL CLAIMS	12 - 20 =	0	x18 =	\$ 0.00	or	x 9 = \$ 0.00
INDEPENDENT	1 - 3 =	0	x84 =	\$ 0.00	or	x 42 = \$ 0.00
MULTIPLE DEPENDENT CLAIM PRESENTED	<u>no</u>		+280 =	\$ 0.00	or	+140 = \$ 0.00
			TOTAL \$	740.00	TOTAL \$	0.00

X The application transmitted herewith is filed in accordance with 37 CFR 1.41(c). The undersigned has been authorized by the inventor(s) to file the present application. The original duly executed patent application together with the surcharge will be forwarded in due course.

X A check in the amount of \$ 740.00 to cover the filing fee and recording fee (if applicable) is enclosed.

— The Government Filing Fee will be paid at the time of completion of the filing requirement.

— Please charge Deposit Account No. 02-2448 in the amount of \$ _____. A triplicate copy of this transmittal form is enclosed.

Send Correspondence to:

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— No fee is enclosed.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. 1.16 or under 37 C.F.R. 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By

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